

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/521,628  
Source: IFwo  
Date Processed by STIC: 8/3/06

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006  
TIME: 09:10:00

Input Set : A:\seq listing.app  
Output Set: N:\CRF4\08032006\J521628.raw

```

3 <110> APPLICANT: Boden, Neville et al.
5 <120> TITLE OF INVENTION: BETA SHEET TAPES RIBBONS IN TISSUE ENGINEERING
7 <130> FILE REFERENCE: 5585-70293-01
9 <140> CURRENT APPLICATION NUMBER: 10/521,628
C--> 10 <141> CURRENT FILING DATE: 2005-01-13
12 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003016
13 <151> PRIOR FILING DATE: 2003-07-15
15 <150> PRIOR APPLICATION NUMBER: GB 0216286.5
16 <151> PRIOR FILING DATE: 2002-07-15
18 <160> NUMBER OF SEQ ID NOS: 7
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 11
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Synthetic peptide
30 <400> SEQUENCE: 1
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33 1 5 10
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 11
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Synthetic peptide
44 <400> SEQUENCE: 2
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50 <210> SEQ ID NO: 3
51 <211> LENGTH: 11
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Synthetic peptide
58 <400> SEQUENCE: 3
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61 1 5 10
64 <210> SEQ ID NO: 4
65 <211> LENGTH: 11
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial
69 <220> FEATURE:

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*Does Not Comply  
Corrected Diskette Needed*

*JYR 2-3*

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/521,628

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Input Set : A:\seq listing.app  
Output Set: N:\CRF4\08032006\J521628.raw

70 <223> OTHER INFORMATION: Synthetic peptide

73 <220> FEATURE:

74 <221> NAME/KEY: MISC\_FEATURE

75 <222> LOCATION: (3)..(3)

76 <223> OTHER INFORMATION: Xaa represents ~~an ornithine~~ amino acid side chain

78 <220> FEATURE:

79 <221> NAME/KEY: MISC\_FEATURE

80 <222> LOCATION: (5)..(5)

81 <223> OTHER INFORMATION: Xaa represents ~~an ornithine~~ amino acid side chain

83 <220> FEATURE:

84 <221> NAME/KEY: MISC\_FEATURE

85 <222> LOCATION: (7)..(7)

86 <223> OTHER INFORMATION: Xaa represents ~~an ornithine~~ amino acid side chain

88 <400> SEQUENCE: 4

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91 1

5

10

OK

amino acid side chain

94 <210> SEQ ID NO: 5

95 <211> LENGTH: 11

96 <212> TYPE: PRT

97 <213> ORGANISM: Artificial

99 <220> FEATURE:

100 <223> OTHER INFORMATION: Synthetic peptide

103 <220> FEATURE:

104 <221> NAME/KEY: MISC\_FEATURE

105 <222> LOCATION: (5)..(5)

106 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain

108 <220> FEATURE:

109 <221> NAME/KEY: MISC\_FEATURE

110 <222> LOCATION: (7)..(7)

111 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain

113 <400> SEQUENCE: 5

W--> 115 Gln Gln Arg Phe Xaa Trp Xaa Phe Glu Gln Gln

116 1

5

10

same  
err

amino acid side chain

amino acid side chain

119 <210> SEQ ID NO: 6

120 <211> LENGTH: 11

121 <212> TYPE: PRT

122 <213> ORGANISM: Artificial

124 <220> FEATURE:

125 <223> OTHER INFORMATION: Synthetic peptide

127 <400> SEQUENCE: 6

129 Gln Gln Glu Phe Glu Trp Glu Phe Glu Gln Gln

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5

10

133 <210> SEQ ID NO: 7

134 <211> LENGTH: 10

135 <212> TYPE: PRT

136 <213> ORGANISM: Artificial

138 <220> FEATURE:

139 <223> OTHER INFORMATION: Synthetic peptide

142 <220> FEATURE:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006  
TIME: 09:10:00

Input Set : A:\seq listing.app  
Output Set: N:\CRF4\08032006\J521628.raw

143 <221> NAME/KEY: MISC\_FEATURE  
144 <222> LOCATION: (3)..(3)  
145 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain  
147 <220> FEATURE:  
148 <221> NAME/KEY: MISC\_FEATURE  
149 <222> LOCATION: (5)..(5)  
150 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain  
152 <220> FEATURE:  
153 <221> NAME/KEY: MISC\_FEATURE  
154 <222> LOCATION: (7)..(7)  
155 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain  
157 <220> FEATURE:  
158 <221> NAME/KEY: MISC\_FEATURE  
159 <222> LOCATION: (9)..(9)  
160 <223> OTHER INFORMATION: Xaa represents an ornithine amino acid side chain  
162 <400> SEQUENCE: 7  
W--> 164 Gln Gln Xaa Phe Xaa Trp Xaa Phe Xaa Gln  
165 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006  
TIME: 09:10:01

Input Set : A:\seq listing.app  
Output Set: N:\CRF4\08032006\J521628.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 3,5,7

Seq#:5; Xaa Pos. 5,7

Seq#:7; Xaa Pos. 3,5,7,9

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/521,628

DATE: 08/03/2006  
TIME: 09:10:01

Input Set : A:\seq listing.app  
Output Set: N:\CRF4\08032006\J521628.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0